

NR8*	40862	<u>SLLPLEFRKDSSYELQVRAGMPGSSYQGTSWSESDPVIFQTQSEGRCEAGMDTPLL</u>	41032
hTPOR	442	<u>LELRPRSRYRLQLRAR-LNGPTYQGPWSSWSDPTRVEIATE</u>	481
hOBR	292	<u>SLLVDSILPGSSYEVQVRGKRLDGP----</u> <u>GIWSDWSTPRVFTIQ</u>	331
hIL2Rb	201	<u>DTQYEFQVRVKPLQGEFT--TWSPWSQPLAFRTK</u>	232
hIL7R	189	<u>TLLQRKLQPAAMYEIKVRS--IPDHYFKGFSEWSPSYYFRIPETINSSGEMDPILL</u>	243
hGM-CSFRb	196	<u>TLGPEHLMPSSTYVARVTRLAPGSRLSGRPSKWSPEVCWDSQ</u>	238
	419	<u>TGYNGIWSEWSEARSWDTES</u>	438
mIL3Rb	200	<u>NLEPKLFLPNSIYAARVTRLISAGSSLSGRPSRWSPEVHWDSQ</u>	242
	404	<u>QLEPDTSYCARVRVKPI--SDYDGIWSEWSNEYTWTI</u>	438
hIL5Ra	302	<u>SKYDVQVRAAVSSMCREAGLWSEWSQPI</u>	329
hIL9R	241	<u>YTGQWSEWSQPVCFQ</u>	255
hEPOR	211	<u>RGRTRYTFAVRAR-MAEPSFGFWSAWSEPVSLITPDS</u>	247
hIL2Rr	209	<u>SLPSVDGQKRYTFRVRSRFPNPLCGSAQH--WSEWSHP I</u>	244
hIL12R	197	<u>LCPLEMNVAQEFQLRRRQLGSQGSS-----WSKWSSPV</u>	229
hIL12Rb	282	<u>LDLKPFTYEFQISSKL----HLKYGWSWSDWSES LRAQTPEE</u>	319

FIG. 1

[Query: 39181-39360]

NR8	39233	<u>HQVKPAPPFN</u> — <u>VTVTFSGQYNISWRS-DYEDP</u> —— <u>AFYMLKGKLQY</u> 39355
hIL6Ra	214	<u>LQDP</u> <u>PANI</u> — <u>TVTAVAR</u> — <u>NPRWLSVTWQDPHSWNSSFYRLRFELRY</u> 257
hgp130	218	<u>YKVKPNPPHNL</u> — <u>SVINSEELSSILKLTWT-NPSIKSV</u> — <u>IILKYNIQY</u> 261
rOBRb	234	<u>VKPD</u> <u>PPLGLRMEVTDDGNLKISWDS</u> — <u>QTKAP</u> 263

[Query: 42301-42480]

NR8	42307	<u>VPSPERFFMP</u> <u>LYKGCSGDFK</u> 42366
mIL9R	305	<u>IPSPEAFFH</u> <u>PLYSVYHGDFQ</u> 324
hIL9R	305	<u>VPSPAMFFQ</u> <u>PLYSVHNGNFQ</u> 324

FIG. 2

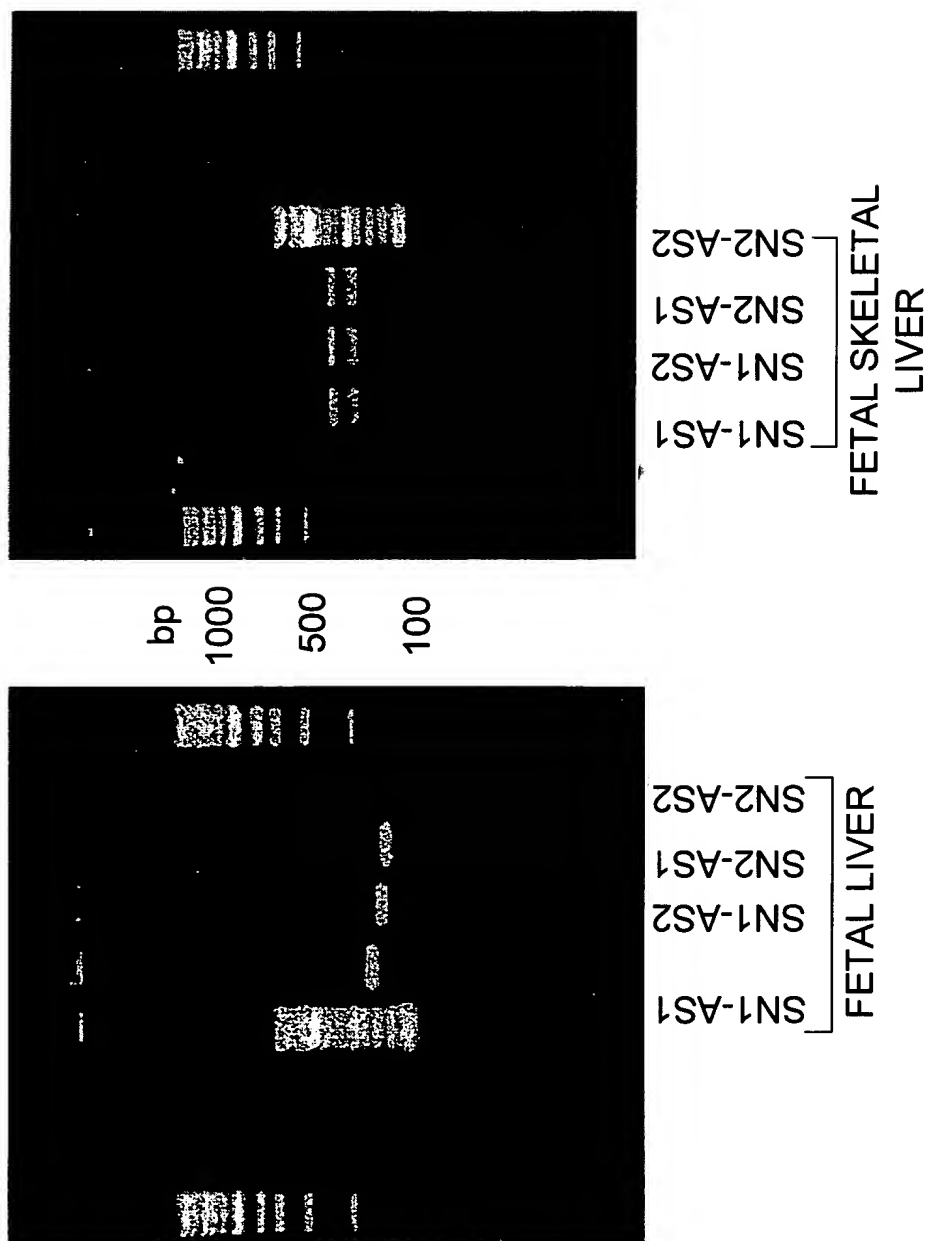


FIG. 3

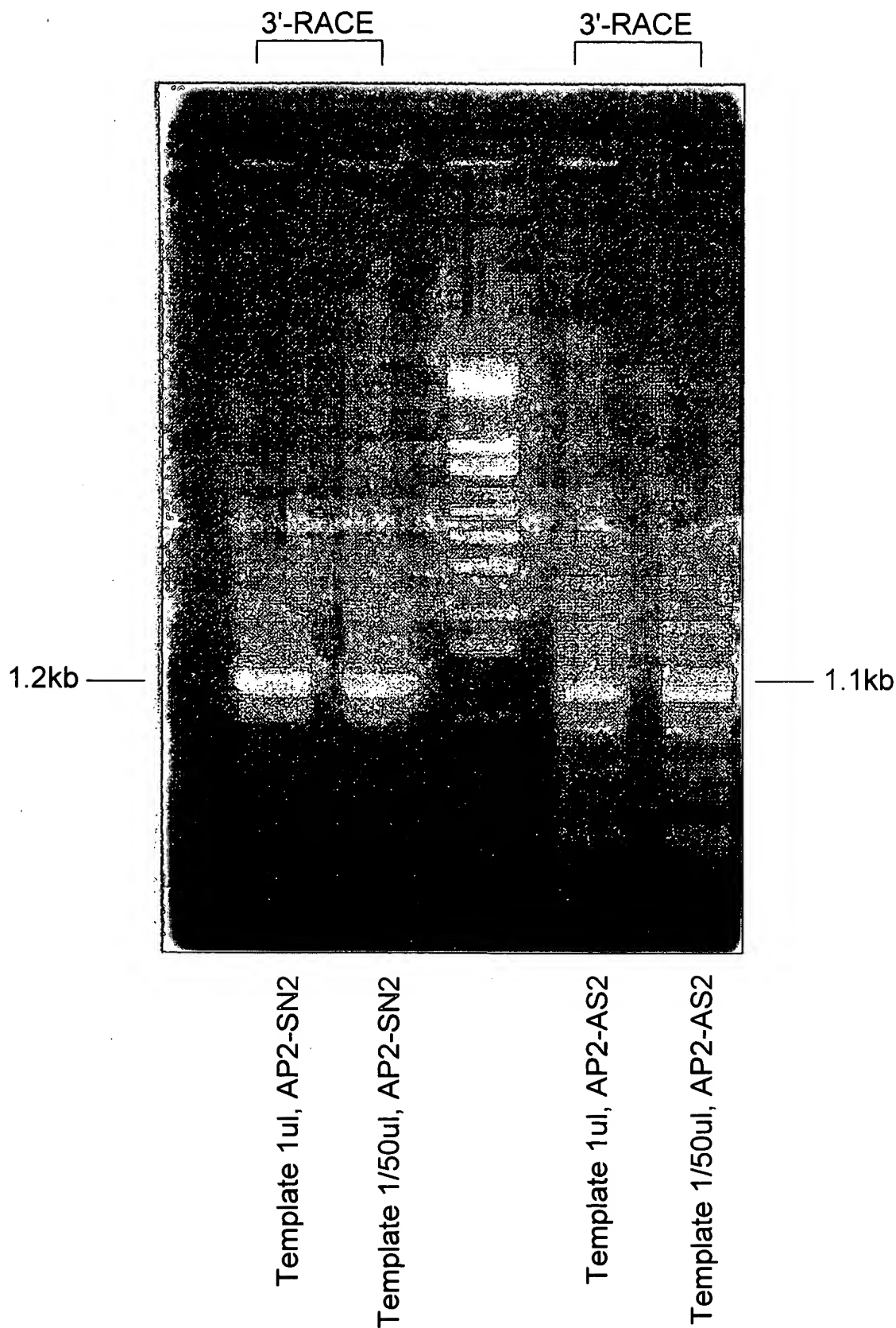


FIG. 4

10 20 30 40 50 60 70 80  
GECAGCCAGCGGCCTCAGACAGACCCACTGGCGTCTCTGCTGAGTGACCGTAAGCTCGGCGTCTGGCCCTCTGCCTGC

90 100 110 120 130 140 150 160  
CTCTCCCTGAGTGTGGCTGACAGCCACGCAGCTGTGTCTGTCTGTCTGCGGCCCGTGCATCCCTGCTGCGGCCGCTGGT

170 180 190 200 210 220 230 240  
ACCTTCCTTGCCGTCTCTTTCTGTCTGCTGCTGTGTGGGACACCTGCCTGGAGGCCAGCTGCCCGTCATCAGAGTG

250 260 270 280 290 300 310 320  
ACAGGTCTTATGACAGCCTGATTGGTGACTCGGGCTGGGTGTGGATTCTACCCCAGGCCTCTGCCTGCTTTCTCAGACC

330 340 350 360 370 380 390 400  
CTCATCTGTCAACCCACGCTGAACCCAGCTGCCACCCCCAGAAGCCCATCAGACTGCCCCAGCACACGGAATGGATTT

410 420 430 440 450 460 470 480  
CTGAGAAAGAAGCCGAAACAGAAAGGCCGTGGGAGTCAGCATGCCGCGTGGCTGGGCCGCCCTTGCTCCTGCTGCTGC  
M P R G W A A P L L L L L L

490 500 510 520 530 540 550 560  
TCCAGGGAGGCTGGGGCTGCCCGACCTCGTCTGCTACACCGATTACCTCCAGACGGTCATCTGCATCCTGGAAATGTGG  
Q G G W G C P D L V C Y T D Y L Q T V I C I L E H W

570 580 590 600 610 620 630 640  
AACCTCCACCCAGCAGCTCACCCTTACCTGGCAAGACCAGTATGAAGAGCTGAAGGACGAGGCCACCTCCTGCAGCCT  
N L H P S T L T L T W Q D Q Y E E L K D E A T S C S L

650 660 670 680 690 700 710 720  
CCACAGGTGGGCCACAATGCCACGCATGCCACCTACACCTGCCACATGGATGTATTCCACTTCATGGCCGACGACATTT  
H R S A M N A T H A T Y T C H M D V F H F M A D D I F

730 740 750 760 770 780 790 800  
TCAGTGTCAACATCAGAGCAGTCTGCAACTACTCCAGGAGTGTGGCAGCTTTCTCCTGGCTGAGAGCATCAAGCCG  
S V N I T D Q S G N Y S Q E C G S F L L A E S I K P

810 820 830 840 850 860 870 880  
GCTCCCCCTTTCAACGTGACTGTGACCTTCTCAGGACAGTATAATATCTCCTGGCGCTCAGATTACGAAGACCCTGCCTT  
A P P F N V T V T F S G Q Y N I S W R S D Y E D P A F

890 900 910 920 930 940 950 960  
CTACATGCTGAAGGGCAAGCTTCAGTATGAGCTGCAGTACAGGAACCGGGAGACCCCTGGGCTGTGAGTCCGAGGAGAA  
Y H L K G K L Q Y E L Q Y R N R G D P W A V S P R R K

970 980 990 1000 1010 1020 1030 1040  
AGCTGATCTCAGTGGACTCAAGAAGTGTCTCCCTCCTCCCTGGAGTTCCGCAAAGACTCGAGCTATGAGCTGCAGGTG  
L I S V D S R S V S L L P L E F R K D S S Y E L Q V

1050 1060 1070 1080 1090 1100 1110 1120  
CGGGCAGGGCCCATGCCTGGCTCCTCCTACCAGGGGACCTGGAGTGAATGGAGTGACCGGTACATCTTTCAGACCCAGTC  
R A G P H P G S S Y Q G T W S E W S D P V I F Q T Q S

FIG. 5

1130 1140 1150 1160 1170 1180 1190 1200  
AGAGGAGTTAAAGGAAGGCTGGAACCCTCACCTGCTGCTTCTCCTCCTGCTGTCATAGTCTTCATTCTGCCTTCTGGA  
E E L K E G W N P H L L L L L L L V I V F I P A F W S  
1210 1220 1230 1240 1250 1260 1270 1280  
GCCTGAAGACCCATCCATTGTGGAGGCTATGGAAGAAGATATGGGCCGTCCCAGCCCTGAGCGGTTCTTCATGCCCTG  
L K T H P L W R L W K K I W A V P S P E R F F H P L  
1290 1300 1310 1320 1330 1340 1350 1360  
TACAAGGCTGCAGCGGAGACTTCAAGAAATGGGTGGGTGCACCCTTCACTGGCTCCAGCCTGGAGCTGGGACCCTGGAG  
Y K G C S G D F K K W V G A P F T G S S L E L G P W S  
1370 1380 1390 1400 1410 1420 1430 1440  
CCCAGAGGTGCCCTCCACCCTGGAGGTGTACAGCTGCCACCCACCCAGCAGCCCTGTGGAGTGTGACTTCACCAGCCCCG  
P E V P S T L E V Y S C H P P S S P V E C D F T S P G  
1450 1460 1470 1480 1490 1500 1510 1520  
GGGACGAAGGACCCCCCGGAGCTACCTCCGCCAGTGGGTGGTCATTCTCCGCCACTTTCGAGCCCTGGACCCAGGCC  
D E G P P R S Y L R Q W V V I P P P L S S P G P Q A  
1530 1540 1550 1560 1570 1580 1590 1600  
AGCTAATGAGGCTGACTGGATGTCCAGAGCTGGCCAGGCCACTGGGCCCTGAGCCAGAGACAAGGTCACCTGGGCTGTGA  
S \* \*  
1610 1620 1630 1640 1650 1660 1670 1680  
TGTGAAGACACCTGCAGCCTTTGGTCTCCTGGATGGGCCTTTGAGCCTGATGTTTACAGTGTCTGTGTGTGTGCATAT  
1690 1700 1710 1720 1730 1740 1750 1760  
GTGTGTGTGTGCATATGCATGTGTGTGTGTGTGTGTCTTAGGTGCCAGTGGCATGTCCACGTGTGTGTGATTGCACG  
1770 1780 1790 1800 1810 1820 1830 1840  
TGCTGTGGGCCTGGGATAATGCCCATGGTACTCCATGCATTACCTGCCCTGTGCATGTCTGGACTCACGGAGCTCACC  
1850 1860 1870 1880 1890 1900 1910 1920  
CATGTGCACAAGTGTGCACAGTAAACGTGTTTGGTCAACAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
1930  
AAAAAAAAAAAAAA

FIG. 6

10 20 30 40 50 60 70 80  
GGCAGCCAGCGGCTCAGACAGACCCACTGGCGTCTCTCTGCTGAGTGACCGTAAGCTCGGCGTCTGGCCCTCTGCCTGC

90 100 110 120 130 140 150 160  
CTCTCCCTGAGTGTGGCTGACAGCCACGCAGCTGTGTCTGTCTGTCTGCGGCCCGTGCATCCCTGCTGCGGCCCGCTGGT

170 180 190 200 210 220 230 240  
ACCTTCCTTGCGGTCTCTTTCTCTGTCTGCTGCTCTGTGGGACACCTGCCTGGAGGCCAGCTGCCCGTCATCAGAGTG

250 260 270 280 290 300 310 320  
ACAGGTCTTATGACAGCCTGATTGGTGA CTGCGGCTGGGTGTGGATTCTACCCCAGGCCTCTGCCTGCTTTCTCAGACC

330 340 350 360 370 380 390 400  
CTCATCTGTACCCCCACGCTGAACCCAGCTGCCACCCCCAGAAGCCCATCAGACTGCCCCAGCACACGGAATGGATT

410 420 430 440 450 460 470 480  
CTGAGAAAGAAGCCGAAACAGAAGGCCCGTGGGAGTCAGCATGCCGCGTGGCTGGGCCGCCCTTGTCTCTGCTGCTGC  
M P R G W A A P L L L L L L

490 500 510 520 530 540 550 560  
TCCAGGGAGGCTGGGGCTGCCCCGACCTCGTCTGCTACACCGATTACCTCCAGACGGTCATCTGCATCCTGGAAATGTGG  
Q G G W G C P D L V C Y T D Y L Q T V I C I L E M W

570 580 590 600 610 620 630 640  
AACCTCCACCCAGCAGCTCACCTTACCTGGCAAGACCAGTATGAAGAGCTGAAGGACGAGGCCACCTCCTGCAGCCT  
N L H P S T L T L T W Q D Q Y E E L K D E A T S C S L

650 660 670 680 690 700 710 720  
CCACAGGTGCGGCCACAATGCCACGCATGCCACCTACACCTGCCACATGGATGTATTCCACTTCATGGCCGACGACATT  
H R S A H N A T H A T Y T C H M D V F H F M A D D I F  
M P R M P P T P A T W M Y S T S W P T T F

730 740 750 760 770 780 790 800  
TCAGTGTCAACATCACAGACCAGTCTGGCAACTACTCCAGGAGTGTGGCAGCTTTCTCCTGGCTGAGAGCAAGTCCGAG  
S V N I T D Q S G N Y S Q E C G S F L L A E S K S E  
S V S T S Q T S L A T T P R S V A A F S W L R A S P R

810 820 830 840 850 860 870 880  
GAGAAAGCTGATCTCAGTGGACTCAAGAAGTGTCTCCCTCCTCCCCCTGGAGTTCGCAAGACTCGAGCTATGAGCTGC  
E K A D L S G L K K C L P P P P G V P Q R L E L \*

890 900 910 920 930 940 950 960  
R K L I S V D S R S V S L L P L E F R K D S S Y E L Q  
AGGTGCGGGCAGGGCCCATGCCTGGCTCCTCCTACCAGGGGACCTGGAGTGAATGGAGTGACCCGGTCATCTTTCAGACC

V R A G P M P G S S Y Q G T W S E W S D P V I F Q T

FIG. 7

970 980 990 1000 1010 1020 1030 1040  
CAGTCAGAGGAGTTAAAGGAAGGCTGGAACCCTCACCTGCTGCTTCTCCTCCTGCTTGTTCATAGTCTTCATTCTGCCTT

Q S E E L K E G W N P H L L L L L L V I V F I P A F  
1050 1060 1070 1080 1090 1100 1110 1120  
CTGGAGCCTGAAGACCCATCCATTGTGGAGGCTATGGAAGAAGATATGGGCCGTCCCAGCCCTGAGCGGTTCTTCATGC

W S L K T H P L W R L W K K I W A V P S P E R F F M P  
1130 1140 1150 1160 1170 1180 1190 1200  
CCCTGTACAAGGGCTGCAGCGGAGACTTCAAGAAATGGGTGGGTGCACCCTTCACTGGCTCCAGCCTGGAGCTGGGACCC

L Y K G C S G D F K K W V G A P F T G S S L E L G P  
1210 1220 1230 1240 1250 1260 1270 1280  
TGGAGCCCAGAGGTGCCCTCCACCCTGGAGGTGTACAGCTGCCACCCACCCAGCAGCCCTGTGGAGTGTGACTTCACCAG

W S P E V P S T L E V Y S C H P P S S P V E C D F T S  
1290 1300 1310 1320 1330 1340 1350 1360  
CCCCGGGACGAAGGACCCCCCGGAGCTACCTCCGCCAGTGGGTGGTCATTCTCCGCCACTTTCGAGCCCTGGACCCC

P G D E G P P R S Y L R Q W V V I P P P L S S P G P Q  
1370 1380 1390 1400 1410 1420 1430 1440  
AGGCCAGCTAATGAGGCTGACTGGATGTCCAGAGCTGGCCAGGCCACTGGGCCCTGAGCCAGAGACAAGGTACCTGGGC

A S \* \*

1450 1460 1470 1480 1490 1500 1510 1520  
TGTGATGTGAAGACACCTGCAGCCTTTGGTCTCCTGGATGGGCCTTTGAGCCTGATGTTACAGTGTCTGTGTGTGTGTG

1530 1540 1550 1560 1570 1580 1590 1600  
CATATGTGTGTGTGTGCATATGCATGTGTGTGTGTGTGTGTCTTAGGTGCGCAGTGGCATGTCCACGTGTGTGTGATT

1610 1620 1630 1640 1650 1660 1670 1680  
GCACGTGCCTGTGGGCCTGGGATAATGCCCATGGTACTCCATGCATTACCTGCCCTGTGCATGTCTGGACTCACGGAGC

1690 1700 1710 1720 1730 1740 1750 1760  
TCACCCATGTGCACAAGTGTGCACAGTAAACGTGTTTGTGGTCAACAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

1770 1780  
AAAAAAAAAAAAAAAAAAAA

FIG. 8



10 20 30 40 50 60 70 80  
GGCAGCCAGCGGCCTCAGACAGACCCACTGGCGTCTCTCTGCTGAGTGACCGTAAGCTCGGCGTCTGGCCCTCTGCCTGC

90 100 110 120 130 140 150 160  
CTCTCCCTGAGTGTGGCTGACAGCCACGCAGCTGTGTCTGTCTGTCTGCGGCCCGTGCATCCCTGCTGCGGCCGCTGCT

170 180 190 200 210 220 230 240  
ACCTTCCTTGCCGCTCTCTTTCTCTGTCTGCTGCTCTGTGGGACACCTGCCTGGAGGCCAGCTGCCCGTCATCAGAGTG

250 260 270 280 290 300 310 320  
ACAGGTCTTATGACAGCCTGATTGGTGA CTGGGCTGGGTGTGGATTCTCACCCCAGGCCTCTGCCTGCTTTCTCAGACC

330 340 350 360 370 380 390 400  
CTCATCTGTCAACCCACGCTGAACCCAGCTGCCACCCCCAGAAGCCCATCAGACTGCCCCACGCACACGGAATGGATT

410 420 430 440 450 460 470 480  
CTGAGAAAGAAGCCGAAACAGAAGGCCCGTGGGAGTCAGCATGCCGCGTGGCTGGGCCGCCCCCTTGCTCCTGCTGCTGC  
M P R G W A A P L L L L L L

490 500 510 520 530 540 550 560  
TCCAGGGAGGCTGGGGCTGCCCCGACCTCGTCTGCTACACCGATTACCTCCAGACGGTCATCTGCATCCTGGAAATGTGG  
Q G G W G C P D L V C Y T D V L Q T V I C I L E M W

570 580 590 600 610 620 630 640  
AACCTCCACCCAGCAGCTCACCTTACCTGGCAAGACCAGTATGAAGAGCTGAAGGACGAGGCCACCTCCTGCAGCCT  
N L H P S T L T L T W Q D Q Y E E L K D E A T S C S L

650 660 670 680 690 700 710 720  
CCACAGGTGCGCCCAATGCCAGCATGCCACCTACACCTGCCACATGGATGTATTCCACTTCATGCGCCGACGACATTT  
H R S A H N A T H A T Y T C H M D V F H F H A D D I F

730 740 750 760 770 780 790 800  
TCAGTGTCAACATCAGAGACAGTCTGGCAACTACTCCCAGGAGTGTGGCAGCTTTCTCCTGGCTGAGAGCATCAAGCCG  
S V N I T D Q S G N Y S Q E C G S F L L A E S I K P

810 820 830 840 850 860 870 880  
GCTCCCCCTTTCAACGTGACTGTGACCTTCTCAGGACAGTATAATATCTCCTGGCGCTCAGATTACGAAGACCCCTGCCTT  
A P P F N V T V T F S G Q Y N I S W R S D Y E D P A F

890 900 910 920 930 940 950 960  
CTACATGCTGAAGGGCAAGCTTCAGTATGAGCTGCAGTACAGGAACCGGGGAGACCCCTGGGCTGTGAGTCCGAGGAGAA  
Y H L K G K L Q Y E L Q Y R N R G D P H A V S P R R K

970 980 990 1000 1010 1020 1030 1040  
AGCTGATCTCAGTGGACTCAAGAAGTGTCTCCCTCCTCCCCCTGGAGTTCCGCAAGACTCGAGCTATGAGCTGCAGGTG  
L I S V D S R S V S L L P L E F R K D S S Y E L Q V

1050 1060 1070 1080 1090 1100 1110 1120  
CGGGCAGGGCCCATGCCTGGCTCCTCCTACCAGGGGACCTGGAGTGAATGGAGTGACCCGCTCATCTTTCAGACCCAGTC  
R A G P H P G S S Y Q G T W S E W S D P V I F Q T Q S

FIG. 9

1130 1140 1150 1160 1170 1180 1190 1200  
AGAGGAGTTAAAGGAAGGCTGAACCCCTCACCTGCTGCTTCTCCTCCTGCTTGTATAGTCTTCATTCCCTGCCTTCTGGA  
E E L K E G W N P H L L L L L L V I V F I P A F W S  
1210 1220 1230 1240 1250 1260 1270 1280  
GCCTGAAGACCCATCCATTGTGGAGGCTATGGAAGAAGATATGGGCCGTCGCCAGCCCTGAGCGGTTCTTCATGCCCTG  
L K T H P L W R L W K K I W A V P S P E R F F H P L  
1290 1300 1310 1320 1330 1340 1350 1360  
TACAAGGCTGCAGCGGAGACTTCAAGAAATGGGTGGGTGCACCCCTTCACTGGCTCCAGCCTGGAGCTGGGACCCCTGAG  
Y K G C S G D F K K W V G A P F T G S S L E L G P W S  
1370 1380 1390 1400 1410 1420 1430 1440  
CCCAGAGGTGCCCTCCACCCTGGAGGTGTACAGCTGCCACCCACCGAGCCCGCCAAGAGGCTGCAGCTCACCGAGC  
P E V P S T L E V Y S C H P P R S P A K R L Q L T E L  
1450 1460 1470 1480 1490 1500 1510 1520  
TACAAGAACCAGCAGAGCTGGTGGAGTCTGACGGTGTGCCAAGCCAGCTTCTGGCCGACAGCCAGAAGCTCGGGGGC  
Q E P A E L V E S D G V P K P S F W P T A Q N S G G

1530 1540 1550 1560 1570 1580 1590 1600  
TCAGCTTACAGTGAGGAGAGGATCGGCCATACGGCCTGGTGTCCATTGACACAGTGACTGTGCTAGATGCAGAGGGGCC  
S A Y S E E R D R P Y G L V S I D T V T V L D A E G P

1610 1620 1630 1640 1650 1660 1670 1680  
ATGCACCTGGCCCTGCAGCTGTGAGGATGACGGCTACCCAGCCCTGGACCTGGATGCTGGCCTGGAGCCAGCCAGGCC  
C T W P C S C E D D G Y P A L D L D A G L E P S P G L

1690 1700 1710 1720 1730 1740 1750 1760  
TAGAGGACCCACTCTTGATGCAGGGACCACAGTCTGTCTGTGGCTGTGTCTCAGCTGGCAGCCCTGGGCTAGGAGGG  
E D P L L D A G T T V L S C G C V S A G S P G L G G

1770 1780 1790 1800 1810 1820 1830 1840  
CCCTGCGAAGCCTCCTGGACAGACTAAAGCCACCCTTGCAGATGGGAGGACTGGGCTGGGGGACTGCCCTGGGGTGG  
P L G S L L D R L K P P L A D G E D W A G G L P W G G

1850 1860 1870 1880 1890 1900 1910 1920  
CCGGTACCTGGAGGGTCTCAGAGAGTGAGGCGGCTCACCCCTGGCCGGCCTGGATATGGACACGTTTGACAGTGGCT  
R S P G G V S E S E A G S P L A G L D H D T F D S G F

1930 1940 1950 1960 1970 1980 1990 2000  
TTGTGGCTCTGACTGCAGCAGCCCTGTGGAGTGTGACTTACCAGCCCGGGGACGAAGGACCCCCCGGAGCTACCTC  
V G S D C S S P V E C D F T S P G D E G P P R S Y L

2010 2020 2030 2040 2050 2060 2070 2080  
CGCCAGTGGGTGGTCAATTCCTCCGCACTTTCGAGCCCTGGACCCAGGCCAGCTAATGAGGCTGACTGGATGTCCAGAG  
R Q W V V I P P P L S S P G P Q A S \* \*

FIG. 10

2090	2100	2110	2120	2130	2140	2150	2160
CTGGCCAGGCCACTGGGCCCTGAGCCAGAGACAAGGTACCTGGGCTGTGATGTGAAGACACCTGCAGCCTTTGGTCTCC							
2170	2180	2190	2200	2210	2220	2230	2240
TGGATGGGCCTTTGAGCCTGATGTTACAGTGTCTGTGTGTGTGTCATATGTGTGTGTGTCATATGCATGTGTGTGTG							
2250	2260	2270	2280	2290	2300	2310	2320
TGTGTGTGTCTTAGGTGCGCAGTGGCATGTCCACGTGTGTGTGATTGCACGTGCCTGTGGGCCTGGGATAATGCCCATGG							
2330	2340	2350	2360	2370	2380	2390	2400
TACTCCATGCATTACCTGCCCTGTGCATGTCTGGACTCACGGAGCTCACCCATGTGCACAAGTGTGCACAGTAAACGTG							
2410	2420	2430	2440	2450	2460	2470	2480
TTTGTGGTCAACAGAAA							

FIG. 11

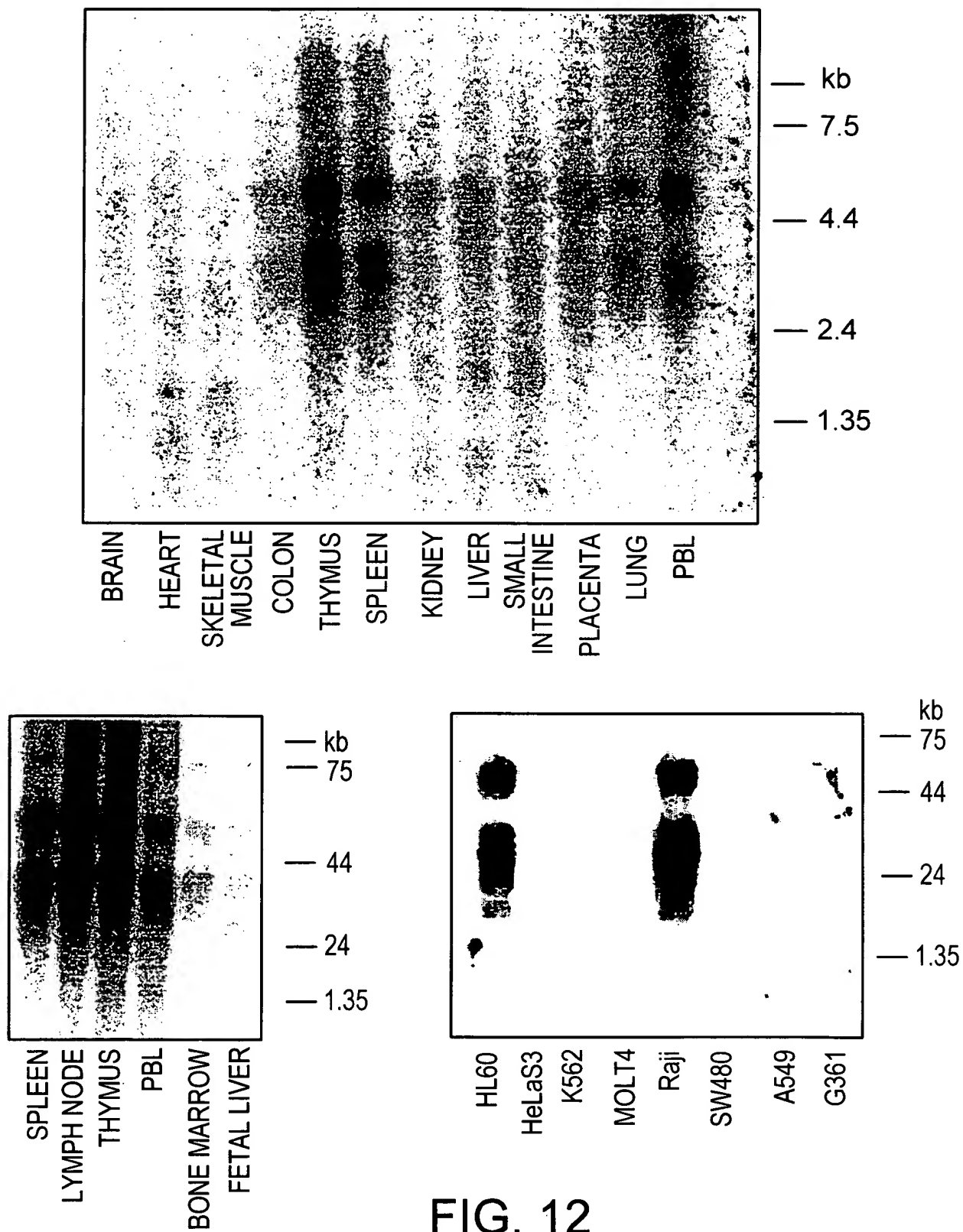


FIG. 12

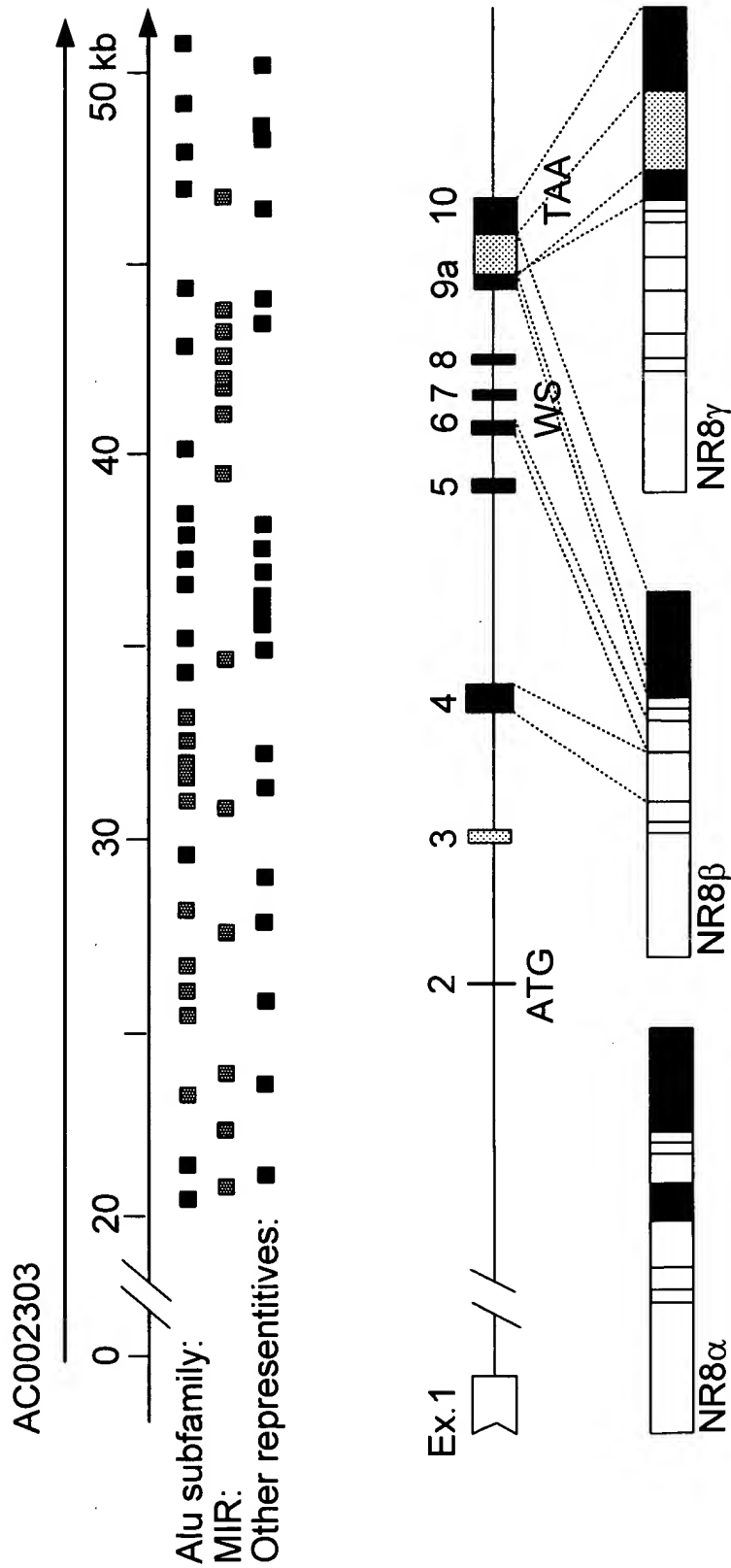
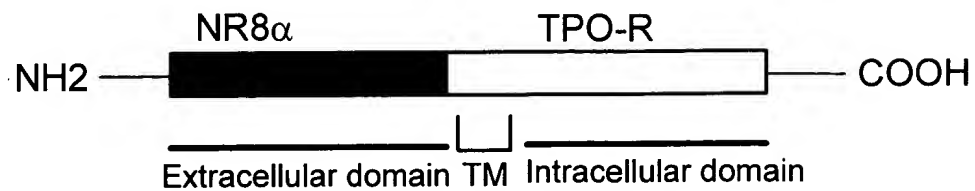
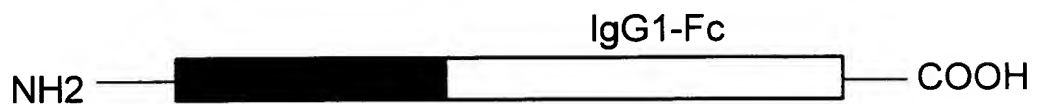


FIG. 13

pEF-NR8/TPO-R



pEF-NR8/IgG-Fc



pEF-BOS/NR8b FLAG



FIG. 14

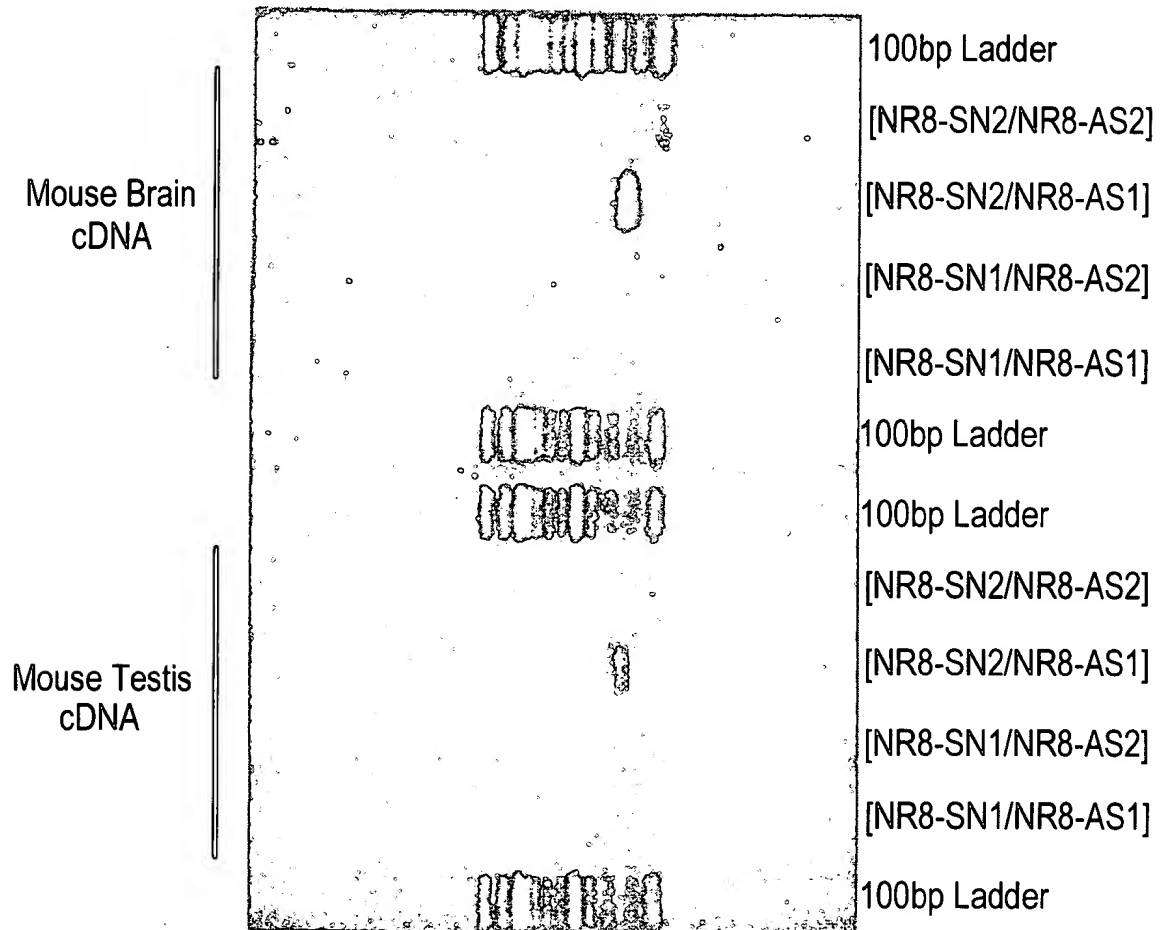


FIG. 15

hNR8BETA	MPRGWAAPRI	EEELGGGWGC	PDELVCYTDYE	QTUICREEMW	40
mnNR8BETA	MPRGWAASLI	EEELGGGWGC	PDELVCYTDYE	QTUICREEMW	40
hNR8BETA	NLEPSTLTET	WQDQYELKQ	EATSCSLHRS	AHNATHATMT	80
mnNR8BETA	NLEPSTLTET	WQDQYELKQ	EATSCSLHRS	AHNATHATMT	80
hNR8BETA	CHMDVFHMA	DDIESVNITD	QSGNYSQECG	SEILAESKSE	120
mnNR8BETA	SHMDVFHMA	DDIESVNITD	QSGNYFQECG	SEIRAESKSE	120
hNR8BETA	EKADLSGLKK	CLPPPPGVPO	RLEI		144
mnNR8BETA	EKADLSGLKK	CLPPPPGVPO	RLEI		144

FIG. 16



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 Appl. No.: 09/720,285  
 Amendment in Reply to Office Action of October 19, 2004  
 Replacement Sheet

hNR8G	MPRGWAAPRL	LLLEGGGWGC	PDELVCYTDYL	QTVICBEMW	40
mNR8G	MPRGWAASLL	LLLEGGGWGC	PDELVCYTDYL	QTVICBEMW	40
hNR8G	NLEPSTLTLT	WQDOYEELKD	EATSCSLHRS	AHNATHATYT	80
mNR8G	NLEPSTLTLT	WQDOYEELKD	EATSCSLHRS	AHNATHATYT	80
hNR8G	CHMDVEHMA	DDIEFSVNETD	OSGNYSQECG	SELLAESIKP	120
mNR8G	SHMDVEHMA	DDIEFSVNETD	OSGNYSQECG	SELLAESIKP	120
hNR8G	APPFNUVTVE	SGQYNISWRS	DYEDPAFYML	KGKLOYELOV	160
mNR8G	APPFNUVTVE	SGQYNISRRS	DYEDPAFYML	KGKLOYELOV	160
hNR8G	RNRGDPWAVS	PRRKLTISVDS	RSVSLIPLER	RKDSSYELOV	200
mNR8G	RNRGDPWAVS	PRRKLTISVDS	RSVSLIPLER	RKDSSYELOV	200
hNR8G	RAGPMPGSSY	OGTWSEWSDP	VIFOTOSSEL	KEGWNPHLEL	240
mNR8G	RAGPMPGSSY	OGTWSEWSDP	VIFOTOSSEL	KEGWNPHLEL	240
hNR8G	LLLEVTVPFP	AFWSLKTHPL	WRLWKKIWAV	PSPERFFMPL	280
mNR8G	LLLEVTVPFP	AFWSLKTHPL	WRLWKKIWAV	PSPERFFMPL	280
hNR8G	YKGCSGDFKK	WVGAPETGSS	LELGPWSPEV	PSTLEVYSCH	320
mNR8G	YKGCSGDFKK	WVGAPETGSS	LELGPWSPEV	PSTLEVYSCH	320
hNR8G	PERSPAKRLO	LTELQEPAL	VESDGVKPS	FWPTAONSGG	360
mNR8G	PERSPAKRLO	LTELQEPAL	VESDGVKPS	FWPTAONSGG	360
hNR8G	SAYSEERDRP	YGLVSIIDTVE	VLDAGGPCTW	PCSCEDDGYP	400
mNR8G	SAYSEERDRP	YGLVSIIDTVE	VLDAGGPCTW	PCSCEDDGYP	400
hNR8G	ALDLDAGLEP	SPGLEDPLEL	AGTIVLSGCC	VSAGSPGLGG	440
mNR8G	ALDLDAGLEP	SPGLEDPLEL	AGTIVLSGCC	VSAGSPGLGG	440
hNR8G	PIGSLDERLK	PPLADGEDWA	GGLPWGGRSP	GGVSESEAGS	480
mNR8G	PIGSLDERLK	PPLADGEDWA	GGLPWGGRSP	GGVSESEAGS	480
hNR8G	PLAGLDMDTF	DSGEVCSDCS	SPVECDFTSP	GDEGPPRSYL	520
mNR8G	PLAGLDMDTF	DSGEVCSDCS	SPVECDFTSP	GDEGPPRSYL	520
hNR8G	RONVVIPTPL	SSPGPOAS			538
mNR8G	RONVVIPTPL	SSPGPOAS			538

FIG. 17

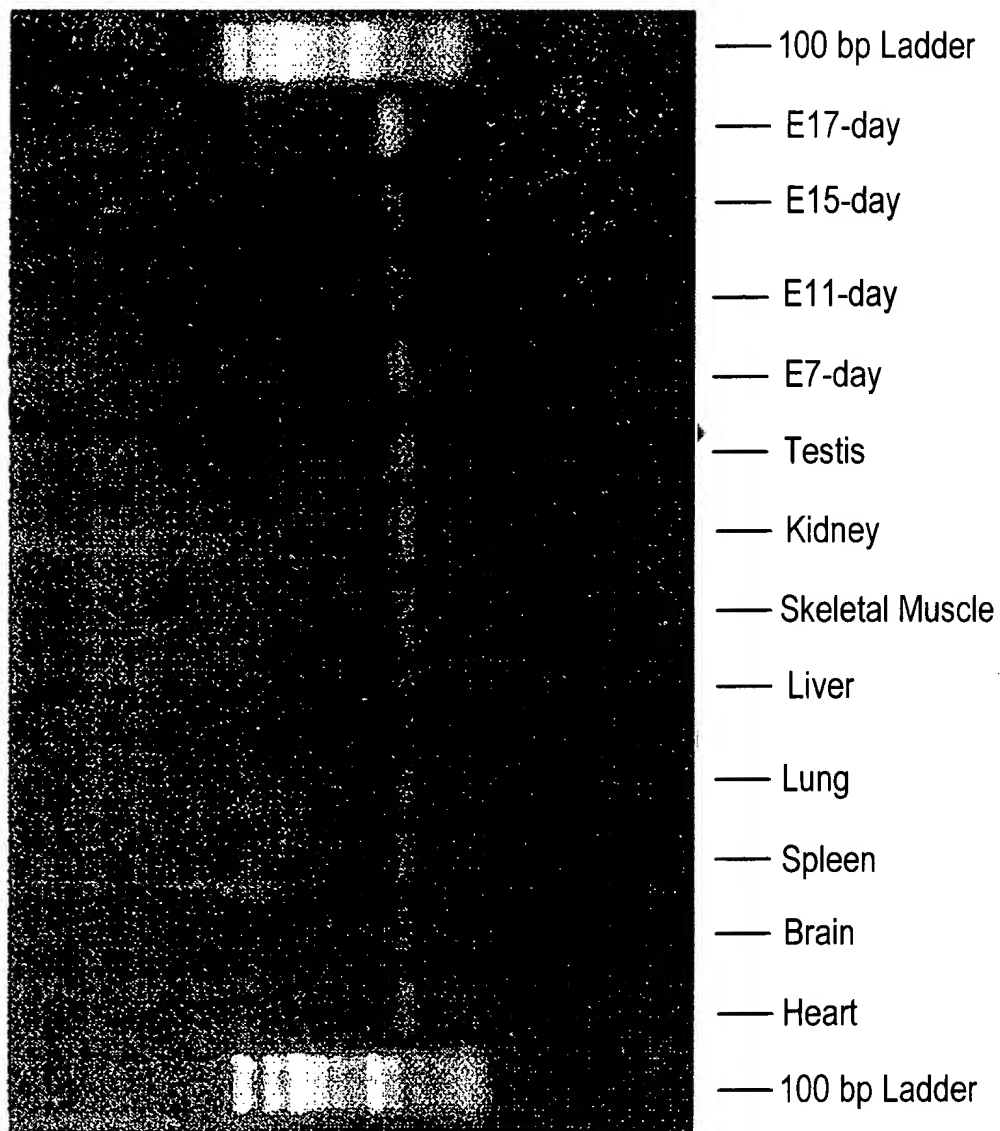


FIG. 18

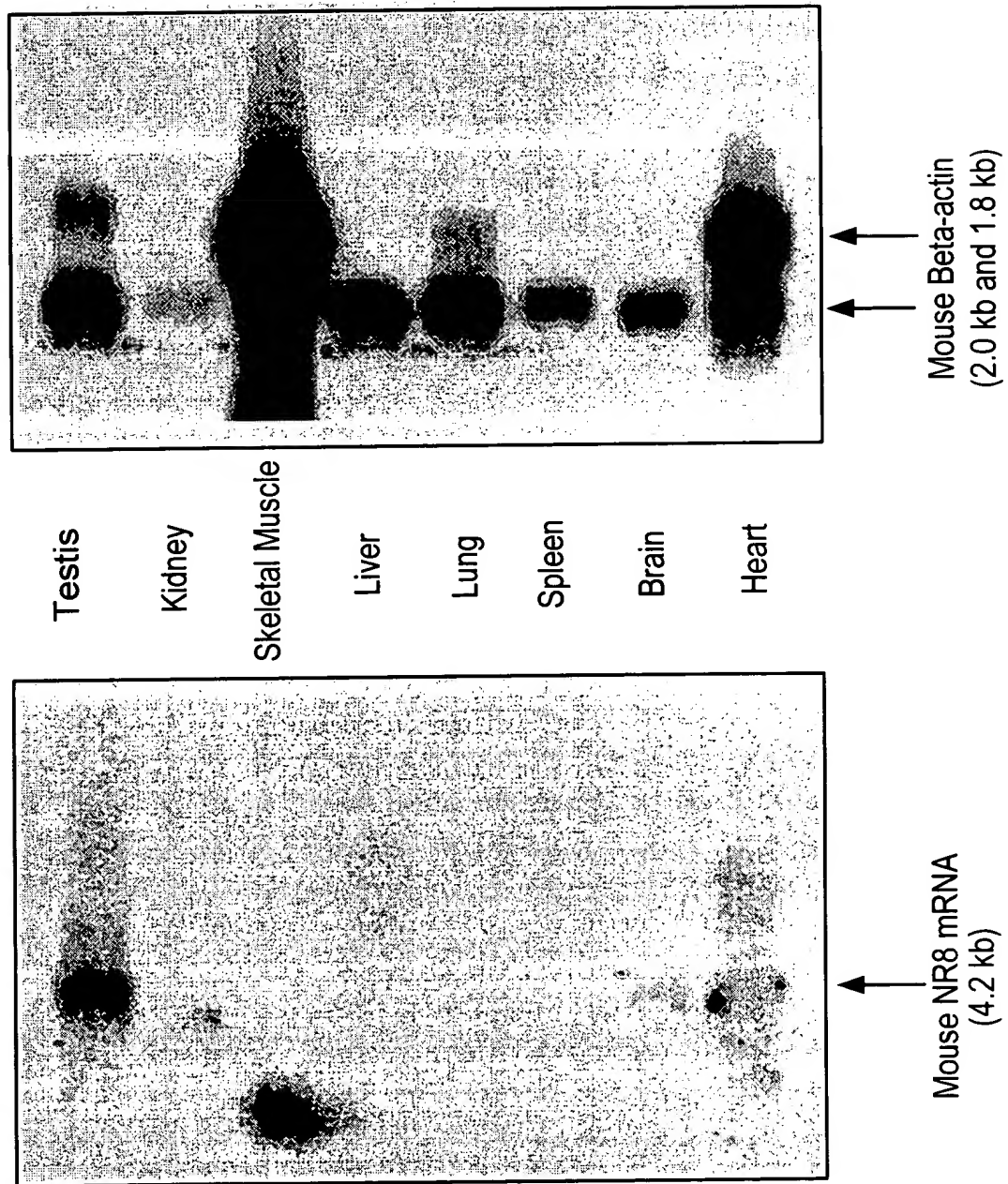


FIG. 19

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